



PTO/SB/08A (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/645,821	
			Filing Date	August 20, 2003	
			First Named Inventor	Graham, Jamey	
			Art Unit	2173	
			Examiner Name	Cabeca, J. W.	
Sheet	1	of	2	Attorney Docket Number	015358-006520US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
HV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Henry Vuu/	Date Considered	03/05/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				<b>Complete If Known</b>	
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Sheet	2	of	2	Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HV	AX	Product Brochure, Shutterfly, downloaded from <a href="http://www.shutterfly.com">http://www.shutterfly.com</a> on 3/15/05 (10 pages).	
HV	AY	Product Brochure, YesVideo, downloaded from <a href="http://www.yesvideo.com/code">http://www.yesvideo.com/code</a> on 3/15/05 (20 pages).	

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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PTO/SB/08A&amp;B (07-05)

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HV	AA	US-6,993,573	01-31-2006	Hunter	
	AB	US-6,865,714	03-08-2003	Liu et al.	
	AC	US-6,865,608	03-08-2003	Hunter	
	AD	US-6,781,609	08-24-2004	Barker et al.	
	AE	US-6,766,363	07-20-2004	Rothschild	
	AF	US-6,745,234	06-01-2004	Phillyaw et al.	
	AG	US-6,675,165	01-06-2004	Rothschild	
	AH	US-6,651,033	11-18-2003	Rothschild	
	AI	US-6,647,535	11-11-2003	Borzdagi et al.	
	AJ	US-6,567,980	05-20-2003	Jain et al.	
	AK	US-6,542,933	04-01-2003	Durst, Jr. et al.	
	AL	US-6,518,986	02-11-2003	Mugura	
	AM	US-6,505,153	01-07-2003	Van Thong et al.	
	AN	US-6,434,561	08-13-2002	Durst, Jr. et al.	
	AO	US-6,430,554	08-06-2002	Rothschild	
	AP	US-6,421,067	07-16-2002	Kamen et al.	
	AQ	US-6,211,869	04-03-2001	Loveman et al.	
	AR	US-6,199,048	03-06-2001	Hudetz et al.	
	AS	US-6,160,633	12-12-2000	Mori	
	AT	US-6,151,059	11-21-2000	Schein et al.	
	AU	US-6,108,656	08-22-2000	Durst et al.	
	AV	US-6,005,562	12-21-1999	Shiga et al.	
	AW	US-5,978,773	11-02-1999	Hudetz et al.	
	AX	US-5,933,829	08-03-1999	Durst et al.	
	AY	US-5,898,709	04-27-1999	Innate et al.	
	AZ	US-5,898,166	04-27-1999	Fulda et al.	
	BA	US-5,895,476	04-20-1999	Ott et al.	
	BB	US-5,809,318	09-15-1998	Rivette et al.	
	BC	US-5,075,752	10-07-1997	Scott et al.	
	BD	US-5,600,775	02-04-1997	King et al.	
	BE	US-5,485,554	01-16-1996	Lowitz et al.	
	BF	US-5,467,288	11-14-1995	Fasciano et al.	
	BG	US-2004/0071441 A1	04-15-2004	Foreman et al.	
	BH	US-2002/0199149 A1	12-26-2002	Nagasaki et al.	
Examiner Signature	/Henry Vuu/			Date Considered	02/27/2007

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PTO/SB/01A&amp;B (07-05)

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HV	BI	US-2002/0135808	09-26-2002	Parry	
	BJ	US-2002/0093460 A1	07-18-2002	Branson	
	BK	US-2002/0059342	05-16-2002	Gupta et al.	
	BL	US-2001/0013041	08-09-2001	Beck et al.	
	BM	US-2001/0005203	06-28-2001	Wienolk	
	BN	US-2001/0044810 A1	11-22-2001	Timmons	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>3</sup>	Kind Code <sup>3</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS					T <sup>2</sup>
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
HV	BO	"About Telus Investors glossary," pages 1-7 downloaded from <a href="http://about.telus.com/investors/glossary.html">http://about.telus.com/investors/glossary.html</a> on 4/14/05.			<input type="checkbox"/>
HV	BP	CHOI et al., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," MIS '98 LNCS 1508, Springer Verlag Berlin Heidelberg, pages 192-198 (1998).			<input type="checkbox"/>
HV	BQ	"Computer Terms," pages 1-8 downloaded from <a href="http://www.park-meadow.org/computer_terms.htm">http://www.park-meadow.org/computer_terms.htm</a> on 4/14/05.			<input type="checkbox"/>

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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PTO/SB/08A&amp;B (07-05)

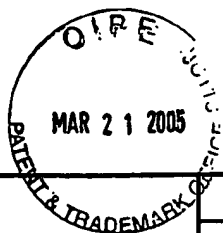
Substitute for form 1449A3B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/645,821
				Filing Date	August 20, 2003
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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
HV	BR	"Glossary for computer hardware and micro scope," pages 1-11 downloaded from <a href="http://www.mumbai.cyber.com/glossary_com_hardware_micro.asp">http://www.mumbai.cyber.com/glossary_com_hardware_micro.asp</a> on 4/14/05.	<input type="checkbox"/>	
HV	BS	"Glossary: What Does It Mean?," pages 1-3 downloaded from <a href="http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm">http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm</a> on 4/14/05.	<input type="checkbox"/>	
HV	BT	"IT&T Talk", pages 1-4 downloaded from <a href="http://www.lib.qld.gov.au/itcareers/talk.asp">http://www.lib.qld.gov.au/itcareers/talk.asp</a> on 4/14/05.	<input type="checkbox"/>	
HV	BU	"Multimedia" pages 1-2 downloaded from <a href="http://en.wikipedia.org/wiki/Multimedia">http://en.wikipedia.org/wiki/Multimedia</a> on 4/14/05.	<input type="checkbox"/>	
HV	BV	OHIMORI, Y., "A Tool for Programmable Access to Organized Multimedia Data - Enhanced MultiMedia Recorder (EMMR)," <u>Joho Shori Gakkaishi Kenkyu Hokoku</u> , 98(35[HI-78]):39-44 (1998).	<input type="checkbox"/>	
HV	BW	PHILLIPS, R. L., "MediaView: A General Multimedia Digital Publication System," <u>Communications of the ACM</u> , 34(7):75-83 (1991).	<input type="checkbox"/>	
HV	BX	ROSCHELLE et al., "VideoNoter: A productivity tool for video data analysis," <u>Behavior Research Methods, Instruments &amp; Computers</u> , 23(2):219-224 (1991).		
HV	BY	SAUR et al., "Automated Analysis and Annotation of Basketball Video," <u>SPIE</u> , 3022:176-187 (1997).	<input type="checkbox"/>	
HV	BZ	Web pages from PaperClick.com printed from <a href="http://www.paperclip.com">http://www.paperclip.com</a> on 6/14/06.		

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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60873214



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Sheet	1	of	3	Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
				Attorney Docket Number	015358-006520US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)				
HV ↓	AA	US-6,684,368			01-27-2004	Hull et al.	
	AB	US-6,623,528			09-23-2003	Squilla et al.	
	AC	US-6,596,031			07-22-2003	Parks	
	AD	US-6,546,385			04-08-2003	Mao et al.	
	AE	US-6,369,811			04-09-2002	Graham et al.	
	AF	US-6,262,724			07-17-2001	Crow et al.	
	AG	US-6,125,229			09-26-2000	Dimitrova et al.	
	AH	US-6,098,082			08-01-2000	Gibbon et al.	
	AI	US-6,094,648			07-25-2000	Aalbersberg	
	AJ	US-5,999,173			12-07-1999	Ubillos	
	AK	US-5,986,692			11-16-1999	Logan et al.	
	AL	US-5,933,841			08-03-1999	Schumacher et al.	
	AM	US-5,894,333			04-13-1999	Kanda et al.	
	AN	US-5,892,536			04-06-1999	Logan et al.	
	AO	US-5,790,114			08-04-1998	Geaghan et al.	
	AP	US-5,758,037			05-26-1998	Schroeder	
	AQ	US-5,751,283			05-12-1998	Smith	
	AR	US-5,721,897			02-24-1998	Rubinstein	
	AS	US-5,706,097			01-06-1998	Schelling et al.	
	AT	US-5,258,880			11-02-1993	Takahashi	
	AU	re 36,801			08-01-2000	Logan et al.	
	AV	US-2004/0181815			09-16-2004	Hull et al.	
	AW	US-2004/0181747			09-16-2004	Hull et al.	
	AX	US-2002/0047870			04-25-2002	Carro	

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HV ↓	AY	EP	788 064	A2	06-08-1997			<input type="checkbox"/>
	AZ	EP	788 063	A2	06-08-1997			<input type="checkbox"/>
	BA	EP	248 403	A2	12-09-1987			<input type="checkbox"/>
	BB	JP	04-021165	A	01-24-1992			abst. only

Examiner  
Signature

/Henry Vuu/

Date  
Considered

02/27/2007

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HV	BC	"c:\...\9149920c.wpd - unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages, (April 30, 2002)	
	BD	"Flexible JAMM Screenshots," downloaded from internet site <a href="http://simon.cs.ct.edu/~jamm">http://simon.cs.ct.edu/~jamm</a> 5/4/00.	
	BE	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-11, Virginia Polytechnic Institute and State University (1998).	
	BF	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-12, Virginia Polytechnic Institute and State University (1998).	
	BG	BYRD, D., "A Scrollbar-based Visualization for Document Navigation," doc. ID: xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval (1999).	
	BH	DRUCKER et al. "SmartSkip: Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, Vol. No. 4, Issue No. 1, pp. 219-226, Minneapolis, Minnesota, USA, (April 20-25, 2002)	
	BI	"Fujitsu Markets Facsimile Connection System for Computer I/O," <u>Comline Telecommunications</u> , November 1989, page 5.	
	BJ	GRUNIN, L., "Action," <u>PC Magazine</u> , 12(15):240 (1993).	
	BK	"Hang on--Blue Sky's WinHelp is on the way," <u>PC Week</u> , page 59, July 1995.	
	BL	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 35:57-60, ISS # 4B, (1992).	
	BM	"IBM, Partners Team On Web-Based Image Search, Printing 9/29/95," Newsbytes News Network, September 1995.	
	BN	IDENTITECH, "Identitech announces FYI 2.5.2 release with NT object server, SmartForm, and ODBC," Business Editors, July 1996.	
	BO	"IDENTITECH UNYSIS: Unysis wins Florida Housing Finance Agency Contract; Identitech provides workflow software solution," Business Editors/Computer Writers, June 1995.	
	BP	LAM et al. "Automatic document classification based on probabilistic reasoning: model and performance analysis," <u>IEEE</u> , 3:2719-2723 (1997).	
	BQ	LISON et al., "Sight and Sound," <u>Unix Review</u> , 7(10):76-86 (1989).	
✓	BR	OKADA et al., "Development of Application Programs for Distributed Processing Equipment," <u>Review of the Electrical Communication Laboratories</u> , 34(4):465-471 (1986).	

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HV	BS	SODERGARD et al., "Integrated multimedia publishing - combining TV and newspaper content on personal channels," downloaded from <a href="http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html">http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html</a> on 4/4/02, pages 1-22.	
	BT	"SPRY INC.'S INTERNET FRONT END PICKED FOR PSI CABLE INTERNET SERVICE," <u>Information &amp; Interactive Services Report</u> , 15(7), (1994).	
	BU	STRATTNER, A., "HP pioneers I-TV peripheral market," <u>Computer Shopper</u> , 14(2):71 (1994).	
	BV	VAN HORN-CHRISTOPHER, "Have you talked to your computer today?," <u>Business Forum</u> , 19(3):10-11 (1994).	
	BW	"VNR firm offers Storyboards" PR News, 12/4/95, downloaded from <a href="http://proquest.umi.com/pqdlink?index=20&amp;did=000000010830394&amp;SrchMode=3&amp;sid=1&amp;F">http://proquest.umi.com/pqdlink?index=20&amp;did=000000010830394&amp;SrchMode=3&amp;sid=1&amp;F</a> on 8/9/04.	
	BX	"WC3 issues first public draft of Synchronized Multimedia Integration Language (SMIL)," <u>Information Today</u> , 15(2):27 (1998) downloaded on 5/28/04.	

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		Number	Kind Code <sup>2</sup> (if known)		
HV	AA	6,182,090		01-30-2001	Peairs
	AB	6,101,503		08-08-2000	Cooper et al.
	AC	6,055,542		04-25-2000	Nielsen et al.
	AD	6,028,601		02-22-2000	Machiraju et al.
	AE	6,026,409		02-15-2000	Blumenthal
	AF	6,021,403		02-01-2000	Horvitz et al.
	AG	6,006,218		12-21-1999	Breese et al.
	AH	5,987,454		11-16-1999	Hobbs
	AI	5,950,187		09-07-1999	Tsuda
	AJ	5,946,678		08-31-1999	Aalbersberg
	AK	5,943,679		08-24-1999	Niles et al.
	AL	5,873,107		02-16-1999	Borovoy et al.
	AM	5,870,770		02-09-1999	Wolfe
	AN	5,860,074		01-12-1999	Rowe et al.
	AO	5,857,185		01-05-1999	Yamamura
	AP	5,838,317		11-17-1998	Bolnick et al.
	AQ	5,832,474		11-03-1998	Lopresti et al.
	AR	5,819,301		10-06-1998	Rowe et al.
	AS	5,784,616		07-21-1998	Horvitz
	AT	5,781,785		07-14-1998	Rowe et al.
	AU	5,778,397		07-07-1998	Kupiec et al.
	AV	5,761,655		06-02-1998	Hoffman
	AW	5,748,805		05-05-1998	Withgott et al.
	AX	5,737,599		04-07-1998	Rowe et al.
	AY	5,694,559		12-02-1997	Hobbs et al.
	AZ	5,680,636		10-21-1997	Levine et al.
	BA	5,638,543		06-10-1997	Pedersen et al.
	BB	5,596,700		01-21-1997	Darnell et al.
	BC	5,481,666		01-02-1996	Nguyen et al.
	BD	5,479,600		12-26-1995	Wroblewski et al.
	BE	5,442,795		08-15-1995	Levine et al.
	BF	5,418,948		05-23-1995	Turtle
	BG	5,404,295		04-04-1995	Katz et al.
	BH	5,384,703		01-24-1995	Withgott et al.
	BI	5,349,658		09-20-1994	O'Rourke et al.
	BJ	5,309,359		05-03-1994	Katz et al.
	BK	5,153,831		10-06-1992	Yianilos
	BL	4,823,303		04-18-1989	Terasawa
	BM	4,417,239		11-22-1983	Demke et al.

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	2	of	8	Attorney Docket Number	015358-006520US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
HV ↓          ↓	BN	EP	802 492	A1	10-22-1997	IBM Corporation		<input type="checkbox"/>
	BO	EP	762 297	A2	03-12-1997	Sun Microsystems		<input type="checkbox"/>
	BP	EP	737 927	A2	10-16-1996	Xerox Corporation		<input type="checkbox"/>
	BQ	EP	378 848	A2	07-05-1990	IBM Corporation		<input type="checkbox"/>
	BR	EP	459 174	B1	11-20-1996	Cina		<input type="checkbox"/>
	BS	GB	2 290 898	A	01-10-1996	Canon Business Machines, Inc.		<input type="checkbox"/>
	BT	GB	2 234 609	A	02-06-1991	IBM Corporation		<input type="checkbox"/>
	BU	GB	2 156 118	A	10-02-1985	Canon Kabushiki Kaisha		<input type="checkbox"/>
	BV	GB	2 137 788	A	10-10-1984	Gavilan Computer Corporation		<input type="checkbox"/>
	BW	JP	8-297677	A	11-12-1996	Xerox Corporation		<input type="checkbox"/>

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	3	of	8	Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS			
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HV	BX	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).	
	BY	Adobe Premiere (video editing software) from Http://www.adobe.com (2002).	
	BZ	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), (1996).	
	CA	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," pp. 30-31 (1996).	
	CB	Apple Macintosh system 7 reference manual, pages 30-31 (1991).	
	CC	BALL et al. "Software Visualization in the Large", IEEE Computer, 29: 33-43 (1996).	
	CD	BOBICK et al. "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. on Pattern Analysis and Machine Intelligence, pp. 1325-1337 (1997).	
	CE	BOGURAEV et al. "Salience-Based Content Characterisation of Text Documents," <u>Proceedings of the ACL/EACL Workshop on Intelligent (Sic) Scalable Text Summarization</u> , 1997. Topic identification, Discourse-based summarization. pp. 1-12 (1997).	
	CF	BORECKZY, J. et al. "An Interactive Comic Book Presentation for Exploring Video," Conference on Human factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.	
	CG	BOYKIN et al, "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99 (1999).	
	CH	BOYKIN et al. "Machine learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41(2000).	
	CI	BRANDOW et al. "Automatic Condensation of Electronic Publications by Sentence Selection," <u>Information Processing and Management</u> , 31(5):675-685 (1995).	
	CJ	BROWN et al. "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA (1995).	
	CK	CAJ et al. "Integrated Multimedia Publishing - Combining TV and Newspaper Content on Personal Channels," WWW8 Conference, 1999.	
	CL	CHEN et al. "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88 (1998).	
	CM	CHEN et al. "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems September 20-22, 1999, Boston 3846:148-164 (1999).	

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
(use as many sheets as necessary)				Attorney Docket Number	015358-006520US
Sheet	4	of	8		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HV	CN	CHIU et al. "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, (1999).	
	CO	CHIU et al. "Automatically linking multimedia meeting documents by image matching," Proceedings of Hypertext '00. ACM, New York, pp. 244-245 (2000).	
	CP	CHRISTEL et al. "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems (Los Angeles, CA, April 1998), pp. 171 -178 (1998).	
	CQ	CHRISTEL et al. "Information Visualization within a Digital Video Library," Journal of Intelligent Information Systems 11:235-257 (1998).	
	CR	DELLAERT et al. "Recognizing emotion in speech," Proceedings ICSLP 96. Fourth International Conference on Spoken Language Processing New York (Cat. No. 96TH8206). IEEE. Vol:1970-1973 (1996).	
	CS	DIMITROVA et al. "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120 (1997).	
	CT	DOERMANN et al. "Applying Algebraic and differential invariants for logo recognition," Machine Vision and Applications 9:73-86 (1996).	
	CU	DONATO et al. "Classifying Facial Actions", IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989 (1999).	
	CV	ESSA et al. "Coding Analysis Interpretation and Recognition of Facial Expressions, IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763 (1997).	
	CW	Face recognition techniques described at web site <a href="http://www.visionics.com">http://www.visionics.com</a> (2002).	
	CX	FOOTE, Jonathan, et al. "An Intelligent Media Browser using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK (1998).	
	CY	FURUI et al. "Japanese Broadcast News Transcription and Information Extraction," Communications of the ACM, 43(2):71-73, Feb 2000.	
	CZ	GAUVAIN et al. "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70 (2000).	
	DA	GIBBON "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," <u>Handbook of Internet and Multimedia Systems and Applications</u> , David C. Gibbon; CRC Press, (1998).	
	DB	GLIEDMAN "Virtual Office Managers," Computer Shopper, 18:290 (1998):	
	DC	GORDON "Using annotated video as an information retrieval interface," ACM Proceedings of the 5th international Conference on Intelligent User Interfaces New Orleans pp. 133 - 140 (2000)	

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	5	of	8	Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HV	DD	GREENBERG et al., "Sharing fisheye views in relaxed-WYSIWIS groupware applications," <u>Proceedings of Graphics Interface</u> , Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, Pp. 28-38, <a href="http://www.cpsc.ucalgary.ca/group/lab/papers/1996/96-Fisheye.GI/gi96_fisheye.html">http://www.cpsc.ucalgary.ca/group/lab/papers/1996/96-Fisheye.GI/gi96_fisheye.html</a> .	
	DE	HAUPTMANN et al. "Text, speech and vision for video segmentation: the informedia project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.	
	DF	HAUPTMANN et al. "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA, April 22-23 1998.	
	DG	HE et al. "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human factors in Computing Systems (CHI 2000), April 1-6, 2000.	
	DH	HEARST et al. "TileBars: Visualization of Term Distribution Information in Full Text Information Access," <u>Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)</u> , Denver, CO., May 1995, Pp. 1-8, <a href="http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm">http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm</a> .	
	DI	HECHT "Embedded data glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352 (1994).	
	DJ	HECHT "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	
	DK	HILL et al. "Edit Wear and Read Wear", ACM, pp. 3-9 (May 3-7, 1992).	
	DL	HU et al. "Multimedia Description Framework (MDF) for content descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99) August 11-14, 1999.	
	DM	IOFFE et al. "Finding people by sampling," Proc. International Conference on Computer Vision, pp. 1092-1097 (1999).	
	DN	JIN et al. "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar 3, 1999, Herndon, VA.	
	DO	KOMLODI et al. "Key Frame Preview Techniques for Video Browsing," (Proceedings of the 3rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125 (1998).	
	DP	LANGLEY "An Analysis of Bayesian Classifiers," Proceedings of the Tenth National Conference on Artificial Intelligence, pp. 223-228, 1992.	
	DQ	LANGLEY "Induction of Selective Bayesian Classifiers," Proceedings of the Tenth National Conference on Uncertainty in Artificial Intelligence, pp. 400-406, (1994).	
	DR	LI et al. "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing - Special Issue on Image and Video Processing for Digital Libraries, 9:147-156 (2000).	
✓	DS	LI et al. "Text Extraction and Recognition in Digital Video," Proceedings of Third LAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.	

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	6	of	8	Attorney Docket Number	015358-006520US

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
HV	DT	LI et al. "VISION: a digital video library," Proceedings of the 1st ACM International Conference on Digital Libraries, pp. 19-27, 1996.		
	DU	LIANG et al. "Practical video indexing and retrieval system," <u>SPIE</u> , 3240:294-303 (1988).		
	DV	LIENHART et al. "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. on Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.		
	DW	MA et al. "An Indexing and Browsing System For Home Video," Invited paper, EUSIPCO '2000, 10th European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.		
	DX	MANBER "The Use of Customized Emphasis in Text Visualization," <u>Proceedings of 1997 IEEE Conf. on Information Visualization</u> , pages 132-138, (1997).		
	DY	MAYBURY "News on Demand," Communications of the ACM, 43:33-34 (2000).		
	DZ	MAYBURY et al. "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper (1997).		
	EA	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems pp. 447-449 (1997).		
	EB	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, December 8-10, 1997.		
	EC	MERIALDO et al. "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando November 1999.		
	ED	MERLINO et al. "Broadcast News Navigation using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation (1997).		
	EE	MERLINO et al. "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April 1999.		
	EF	MOHAN "Text-based search of TV news stories," Proc. SPIE 2916:2-13 (1996).		
	EG	MYERS et al. "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, June 24-28, 2001, Roanoke, VA, pp. 106-115.		
	EH	OH et al. "Efficient and Cost-effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426		
	EI	PHOTINA et al. "Improving acoustic models with captioned multimedia speech," Proceedings IEEE International Conference on Multimedia Computing and Systems, 2:767-71 (1999).		

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	7	of	8	Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
HV	EJ	ROWLEY et al. "Neural network-based face detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, 20:23-38 (1998).		
	EK	SCHWEIGHOFER et al. "The Automatic Generation of Hypertext Links in Legal Documents," <u>Lecture Notes in Computer Science</u> , vol. 1134, Wagner et al., eds., from 7th Int. Conf., DEXA 96', held 9/96 in Zurich, Switzerland (1996)		
	EL	SHAHRARAY et al. "Automated Authoring of Hypermedia Documents of Video Programs," <i>ACM Multimedia 95</i> , November 5-9, 1995, San Francisco, CA (1995).		
	EM	SHAHRARAY et al. "Automatic generation of pictorial transcripts of video programs," <i>Proceedings of the SPIE- Int. Soc. Opt. Eng.</i> 2417:512-518 (1995).		
	EN	SHAHRARAY et al. "Pictorial transcripts: multimedia processing applied to digital library creation," 1997 IEEE First Workshop on Multimedia Signal Processing pp. 581-586 (1997).		
	EO	SMITH et al. "Video Skimming and Characterization through the Combination of Image and Language Understanding," <i>Computer Vision and Pattern Recognition IEEE</i> 1997.		
	EP	SONMEZ et al. "Multiple speaker tracking and detection: handset normalization and duration scoring," <i>Digital Signal Processing</i> 10:133-143 (2000).		
	EQ	SUDA et al. "Logo and word matching using a general approach to signal registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, pp. 61-65.		
	ER	SUMITA et al. "Document Structure Extraction for Interactive Document Retrieval Systems," <i>Proceedings of SIGDOC 93</i> , pages 301-310, (1993).		
	ES	TAGHVA et al. "An Evolution of an Automatic Markup System," <i>SPIE</i> , 2422:317-327 (1995).		
	ET	TAXT "Segmentation of Document Images," <i>IEEE</i> 11:1322-1329 (1989).		
	EU	TENNENHOUSE et al. "A software-oriented approach to the design of media processing environments," <i>Proceedings of the IEEE International Conference on Multimedia Computing and Systems</i> , pp. 435-444 (1994).		
	EV	TONOMURA et al. "VideoMAP and VideoSpacelcon : tools for anatomizing video content," <i>Proc. INTERCHI '93 ACM</i> pp 131-136 (1993).		
	EW	UCHIHASHI et al. "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," <i>Proceedings of the International Conference on Acoustics, Speech, and Signal Processing (Phoenix, AZ)</i> 6:3041-3044 (1999).		
	EX	UCHIHASHI et al. "Video Manga: Generating Semantically Meaningful Video Summaries," <i>ACM Multimedia 99</i> , Orlando, Florida, October 30-November 5, 1999.		
✓	EY	Video content management and publishing software from Virage <a href="http://www.virage.com">http://www.virage.com</a> (2002).		

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HV	EZ	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at <a href="http://svr-www.eng.cam.ac.uk/research/projects/vmr/">http://svr-www.eng.cam.ac.uk/research/projects/vmr/</a> (1997).	
	FA	WACTLAR et al. "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47 (2000).	
	FB	WACTLER et al. "Intelligent access to digital video: Informedia project," Computer 29:46-52 (1996).	
	FC	WEISS et al. "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25 (1995).	
	FD	WITTENBURG et al. "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy 2:913-918 (1999).	
	FE	ZHANG et al. "Detection of text Captions in Compressed domain Video," International Multimedia Conference Proceedings of the 2000 ACM workshops on Multimedia 2000, Los Angeles, California, United States pp. 201 - 204.	

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